

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) A current output DA converter circuit comprising:
a current output circuit;
a voltage source;
a data input portion; and
an output portion,
characterized in that digital formal data is inputted to the data input portion;
a constant voltage is applied from the voltage source to the output portion in the case where the data in the data input portion takes a predetermined value; and
a current corresponding to a value of the data in the data input portion is applied from the current output circuit to the output portion in other cases.

2. (Original) A current output DA converter circuit comprising:
a current output circuit;
a voltage source;
a data input portion; and
an output portion,
characterized in that a plurality of switches are provided in series between the voltage source and the output portion;
digital formal data is inputted to the data input portion; and
all of the plural switches are turned ON in the case where the bit data in the data input portion takes a predetermined value.

3. (Original) A current output DA converter circuit comprising:
a current output circuit;

a voltage source;
a data input portion; and
an output portion,
characterized in that digital formal data is inputted to the data input portion;
a current corresponding to a value of the data in the data input portion is applied from the current output circuit to the output portion; and
the voltage source and the output portion are short-circuited for a certain period in the case where the data in the data input portion takes a predetermined value.

4. (Currently Amended) A current output DA converter circuit according to ~~any one of claims 1 to 3~~ claim 1, characterized in that the current output circuit includes a plurality of drive transistors; and each gate electrode of the plural drive transistors is electrically connected to each other and a switch is provided between the gate electrode and each drain electrode of the plural drive transistors.

5. (Currently Amended) A display device characterized by including the current output DA converter circuit according to ~~any one of claims 1 to 4~~ claim 1.

6. (Currently Amended) Electronic equipment characterized by including the current output DA converter circuit according to ~~any one of claims 1 to 4~~ claim 1.

7. (New) Electronic equipment characterized by including the display device according to claim 5.

8. (New) A current output DA converter circuit according to claim 2, characterized in that the current output circuit includes a plurality of drive transistors; and each gate electrode of the plural drive transistors is electrically connected to each other and a switch is provided between the gate electrode and each drain electrode of the plural drive transistors.

9. (New) A current output DA converter circuit according to claim 3, characterized in that the current output circuit includes a plurality of drive transistors; and each gate electrode of the plural drive transistors is electrically connected to each other and a switch is provided between the gate electrode and each drain electrode of the plural drive transistors.

10. (New) A display device characterized by including the current output DA converter circuit according to claim 2.

11. (New) A display device characterized by including the current output DA converter circuit according to claim 3.

12. (New) A display device characterized by including the current output DA converter circuit according to claim 4.

13. (New) Electronic equipment characterized by including the current output DA converter circuit according to claim 2.

14. (New) Electronic equipment characterized by including the current output DA converter circuit according to claim 3.

15. (New) Electronic equipment characterized by including the current output DA converter circuit according to claim 4.

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Amendments to the Drawings:

Please substitute the attached 14 sheets of drawings in English for the drawings submitted with the application.

Attachments following last page of this Amendment:

Replacement Sheet (9 pages)